

## OPINION 1778

*Acineta* Ehrenberg, [1834] and *Tokophrya* Bütschli, 1889 (Ciliophora, Suctorina): conserved, and *Acineta tuberosa* Ehrenberg, [1834] and *Podophrya quadripartita* Claparède & Lachmann, 1859 (currently *Tokophrya quadripartita*): specific names conserved

### Ruling

(1) Under the plenary powers the following names are hereby suppressed for the purposes of the Principle of Priority but not for those of the Principle of Homonymy:

- (a) the generic name *Volverella* Bory de St Vincent, [1827];
- (b) the following specific names:
  - (i) *tuberosus* Pallas, 1766, as published in the binomen *Brachionus tuberosus*;
  - (ii) *tuberosa* Müller, 1786, as published in the binomen *Vorticella tuberosa*;
  - (iii) *astoma* Bory de St Vincent, [1827], as published in the binomen *Volverella astoma*.

(2) The following names are hereby placed on the Official List of Generic Names in Zoology:

- (a) *Acineta* Ehrenberg, [1834] (gender: feminine), type species by subsequent designation by Collin (1912) *Acineta tuberosa* Ehrenberg, [1834];
- (b) *Tokophrya* Bütschli, 1889 (gender: feminine), type species by subsequent designation by Curds (1985) *Podophrya quadripartita* Claparède & Lachmann, 1859.

(3) The following names are hereby placed on the Official List of Specific Names in Zoology:

- (a) *tuberosa* Ehrenberg, [1834], as published in the binomen *Acineta tuberosa* (specific name of the type species of *Acineta* Ehrenberg, [1834]);
- (b) *quadripartita* Claparède & Lachmann, 1859, as published in the binomen *Podophrya quadripartita* (specific name of the type species of *Tokophrya* Bütschli, 1889).

(4) The name *Volverella* Bory de St Vincent, [1827], as suppressed in (1)(a) above, is hereby placed on the Official Index of Rejected and Invalid Generic Names in Zoology.

(5) The following names are hereby placed on the Official Index of Rejected and Invalid Specific Names in Zoology:

- (a) *tuberosus* Pallas, 1766, as published in the binomen *Brachionus tuberosus* and as suppressed in (1)(b)(i) above;
- (b) *tuberosa* Müller, 1786, as published in the binomen *Vorticella tuberosa* and as suppressed in (1)(b)(ii) above;
- (c) *astoma* Bory de St Vincent, [1827], as published in the binomen *Volverella astoma* and as suppressed in (1)(b)(iii) above.

### History of Case 2823

An application for the conservation of the generic names *Acineta* Ehrenberg, [1834] and *Tokophrya* Bütschli, 1889, and the specific names of *Acineta tuberosa* Ehrenberg,

[1834] and *Podophrya quadripartita* Claparède & Lachmann, 1859, was received from Drs I.V. Dovgal (*Schmalhausen Institute of Zoology, Kiev, Ukraine*) and Ya.I. Starobogatov (*Zoological Institute, Russian Academy of Sciences, St Petersburg, Russia*) on 29 May 1991. After correspondence the case was published in BZN 50: 103–106 (June 1993). Notice of the case was sent to appropriate journals.

### Decision of the Commission

On 1 March 1994 the members of the Commission were invited to vote on the proposals published in BZN 50: 105. At the close of the voting period on 1 June 1994 the votes were as follows:

Affirmative votes — 23: Bayer, Bock, Bouchet, Cocks, Corliss, Dupuis, Hahn, Halvorsen, Heppell, Kabata, Kraus, Macpherson, Mahner, Martins de Souza, Minelli, Nielsen, Nye, Savage, Schuster, Starobogatov, Thompson, Trjapitzin, Willink

Negative votes — 2: Holthuis and Štys.

Lehtinen abstained.

No votes were received from Cogger and Uéno.

Ride was on leave of absence.

Holthuis commented: 'Since, when describing *Acineta tuberosa*, Ehrenberg ([1834]) referred to *Vorticella tuberosa* of Müller (1786) as identical with his species (para. 4 of the application), he did not describe a new species but misidentified *Brachionus tuberosus* Pallas, 1766. There is thus no such name as *Acineta tuberosa* Ehrenberg'. Štys commented: 'There is only one nominal taxon with the specific name of *tuberosus* — *Brachionus tuberosus* Pallas, 1766. *Vorticella tuberosa* sensu Müller (1786) and *Acineta tuberosa* sensu Ehrenberg ([1834]) are only subsequent, incorrect, applications of Pallas's name'. (*Editorial note.* Drs Dovgal and Starobogatov pointed out that Ehrenberg ([1834]) was mistaken in his use of Pallas's name *tuberosus*; it was for this reason that they sought the conservation of *Acineta tuberosa* Ehrenberg as an available name for the taxon for which it has long been used).

### Original references

The following are the original references to the names placed on Official Lists and Official Indexes by the ruling given in the present Opinion:

*Acineta* Ehrenberg, [1834], *Physikalische Mathematische Abhandlungen der Königlichen Akademie der Wissenschaften zu Berlin*, 1833: 284. (Published in the serial in 1835 but issued as a separate in [1834]).

*astoma*, *Volverella*, Bory de St Vincent, [1827], in: *Encyclopédie Méthodique. Histoire naturelle des Zoophytes, ou Animaux rayonnées*, p. 782.

*quadripartita*, *Podophrya*, Claparède & Lachmann, 1859, *Mémoires de l'Institut National Génevois*, 6: 382.

*Tokophrya* Bütschli, 1889, in Bronn, H.G., *Klassen und Ordnungen des Thier-Reichs*, Band 1 (Protozoa), p. 1928.

*tuberosa*, *Acineta*, Ehrenberg, [1834], *Physikalische Mathematische Abhandlungen der Königlichen Akademie der Wissenschaften zu Berlin*, 1833: 287. (Published in the serial in 1835 but issued as a separate in [1834]).

*tuberosa*, *Vorticella*, Müller, 1786, *Animalcula Infusoria fluviatilia et marina* ..., p. 308.

*tuberosus*, *Brachionus*, Pallas, 1766, *Elenchus Zoophytorum* ..., p. 105.

*Volverella* Bory de St Vincent, [1827], in: *Encyclopédie Méthodique. Histoire naturelle des Zoophytes, ou Animaux rayonnées*, p. 781.

The following is the reference for the designation of *Acineta tuberosa* Ehrenberg, [1834] as the type species of the nominal genus *Acineta* Ehrenberg, [1834]:

Collin, B. 1912. *Archives de Zoologie Expérimentale et Générale*, **51**: 336.

The following is the reference for the designation of *Podophrya quadripartita* Claparède & Lachmann, 1859 as the type species of the nominal genus *Tokophrya* Bütschli, 1889:

Curds, C.R. 1985. *Bulletin of the British Museum (Natural History)*, Zoology, **49**: 169.